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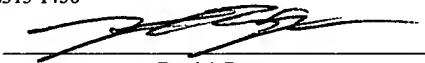
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October 24, 2003

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Derrick Brown

**MS PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Entitled **"VARIABLE FREQUENCY  
TEMPERATURE LIMITED HEATERS"** -- Vinegar et al.

Sir:

Transmitted herewith for filing is a disclosure including a title page, a 267 page specification, 207 pages of claims (Claims 1-1690), and a one page abstract. In addition, we have also included drawings on 140 sheets (figures 1-176). The disclosure and drawings constitute the application of Harold J. Vinegar, Chester Ledlie Sandberg, Christopher Kelvin Harris, Jaime Santos Son, James Louis Menotti and Fredrick Gordon Carl, Jr. for the above-entitled invention.

This application claims priority to Provisional Patent Application No. 60/420,835 entitled "IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION" filed on October 24, 2002, and to Provisional Patent Application No. 60/465,279 entitled "ICP IMPROVEMENTS" filed on April 24, 2003.

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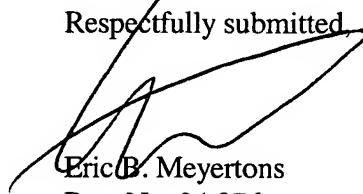
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Please note that this application is filed without an inventor Declaration and filing fees. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to the undersigned Applicant representative.

Please address all correspondence in connection with this application to:

DEL CHRISTENSEN  
SHELL OIL COMPANY  
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PH: (713) 241-3997

Please date stamp and return the enclosed postcard to evidence receipt of this application.

Respectfully submitted,  
  
Eric B. Meyertons  
Reg. No. 34,876  
Attorney for Applicant

EBM:jlp  
Enclosures